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CONT.

23. (New) The method of claim 1, wherein the stimulus is selected from the group consisting of electromagnetic waves, light waves, particle rays, sound waves, chemical substances, viruses, and combinations thereof.

24. (New) The method of claim 1, wherein the support is selected from the group consisting of crystals, macrocompounds, micropipettes, electrodes, wires, whiskers, living organisms, magnetic particulates, magnetic fluids, metal particles, conductor particles, insulator particles, photoelectric converting elements, piezoelectric elements, microstructures, and combinations thereof.

Please amend claims 1 and 6 as follows:

1. (Amended) A method of site specific regulated membrane disruption comprising:

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contacting a membrane with a membrane-disrupting reagent that induces a membrane-denaturing reaction when the membrane is exposed to a stimulus, wherein the membrane-disrupting reagent is attached to a support which facilitates precise contact of the membrane-disrupting reagent with the cell membrane; and

applying the stimulus to the membrane at a contact site under conditions effective to temporarily and partially disrupt the membrane only at the contact site where permeability of the membrane recovers to the state prior to disruption.

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6. (Twice Amended) The method of claim 1, wherein the stimulus is light, and the membrane-disrupting reagent is a photosensitizing compound.
